

POLYESTER COMPOSITION, SHEET-LIKE ARTICLE, HOLLOW MOLDED ARTICLE AND ORIENTED FILM COMPRISING THE SAME

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Abstract

PROBLEM TO BE SOLVED: To provide a polyester composition which has excellent transparency, heat resistance and mechanical characteristics, scarcely stains a mold, when molded, and gives hollow molded articles, sheet-like articles, and oriented films that scarcely have a residual foreign taste and a bad smell and have an excellent smell-retaining property, and containers and packaging materials obtained from the articles.

SOLUTION: This polyester composition which comprises polyester chips and 0.1 to 300 ppm of the fine particles of a polyester having the same composition as that of the polyester chips and has a cyclic timer increase amount of ≤ 0.30 wt.%, when melted at a temperature of 290 deg.C for 60 min, characterized by controlling the contents of Na element, Mg element and Si element in the fine particles of the polyester to specific ranges, respectively, and the hollow molded article, sheet-like articles and oriented film comprising the polyester composition.

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